The East Kent (No. 2) United District

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ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR

1945

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EAST KENT (No. 2) UNITED DISTRICT

JOINT COMMITTEE.

Eastry Rural District:

A. H. HOLNESS.
T. HUME.
H. J. LILLIOTT.

Dover Rural District:

F. P. KING (Chairman).
E. C. MAY.

Clerk: CHAS. EVANS,
Council Offices,
Dover Road,
Sandwich, Kent.

STAFF.

Medical Officer of Health:

A. B. McMASTER, M.D., D.P.H. (retired 30.xi.45.)
T. J. NICHOLL, F.R.C.S., D.P.H., (appointed 1.xii.45.)

Sanitary Inspectors:

Eastry Rural District:

R. J. MEACHER, Whole-time Senior Sanitary Inspector.
A. HILTON, Whole-time District Sanitary Inspector.

Dover Rural District:

W. O. ARMSTRONG, Whole-time Senior Sanitary Inspector.

Clerk to the Medical Officer of Health:

MISS KATHLEEN LAWRENCE.

To the Chairman and Members of the Joint Committee of the East Kent (No. 2), United District.

I have the honour to submit to you for your information and consideration the annual report for the year 1945.

The report is compiled in accordance with the instructions of the Ministry of Health and reveals a satisfactory state of health in the United District, as will be noted from the Vital Statistics and low incidence of zymotic disease. The major portion of the work under review was carried out under the supervision of Dr. A. B. McMaster.

Although the year saw the termination of the war, it will take some little time to rectify the adverse conditions which accrued from five years of social upheaval. Housing must, of necessity, take priority, and it augurs well for the future that the District Councils have made ample plans to combat the housing shortage, and completed schemes for the efficient sewerage of certain parishes. As both districts have a good water supply it is only a matter of time and active enterprise when all the larger parishes will be provided with the ordinary amenities of modern sanitation.

I should like to express my gratitude to the Clerk to the Joint Committee, Mr. C. Evans, and to Miss Lawrence and the two Senior Inspectors, Messrs. Meacher and Armstrong, for their kind assistance in collating the material for the report. Without their helpful collaboration the task would have been much more difficult.

T. J. NICHOLL,

Medical Officer of Health.

December, 1946.

SECTION A.

STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

Area.

The United District is bounded on the north by the sea between Herne Bay and Margate Borough and the boundary of Margate Borough, on the East by the Boundary of Ramsgate Borough, the sea between Ramsgate Borough and Deal Borough, the boundary of Deal Borough, and the sea between Deal Borough and Dover Borough, on the south by the boundary of Dover Borough, the sea between Dover Borough and Folkestone Borough, and on the West by the boundaries of the Rural Districts of Elham and Bridge Blean. The Borough of Sandwich is enclosed by the Eastry Rural District.

The surface is irregularly undulating and is traversed by the Rivers Stour and Dour. The District is highest at the North and South parts and lowest in the marsh land in the vicinity of the Stour.

District..	Acres including Inland Water	Population Census, 1931	POPULATION 1945
Dover R.D.	26,098	8,945	7,145
Eastry R.D.	54,276	22,050	18,440
East Kent (No. 2) United District	80,374	30,995	25,585

VITAL STATISTICS.
United District.

BIRTHS.

(1) Live Births.

Legitimate. Males, 223; Females, 200. Total 423
Illegitimate. Males, 27; Females, 18. Total, 45.
Male Births, 250; Female Births, 218. Total, 468.
Birth Rate (per 1,000), 18.2. England and Wales, 16.1.

(2) Still Births.

Total 15. Rate per 1,000 total births, 32.05.

DEATHS.

Net total deaths in 1945: Males, 161; females, 146; total, 307.
Death Rate (per 1,000) = 11.9.
England and Wales, 1945 = 11.4.

Deaths from Puerperal Causes, nil.

Death Rate of Infants under one year of age:—
(a) All infants per 1,000 live births, 36.32.
(England and Wales, 46 per 1,000.)
(b) Legitimate Infants per 1,000 live births, 37.8.
(c) Illegitimate Infants per 1,000 live births, 22.2.
Deaths from Cancer (all ages), 53.
Deaths from Measles (all ages), nil.
Deaths from Whooping Cough (all ages), nil.
Deaths from Diarrhoea (under 2 years of age), 1.

INFANTILE MORTALITY.

Causes of death in children under one year of age:—

Dover Rural District (3).

Congenital Deformity	1
Respiratory	1
Burns	1

Eastry Rural District (14).

Congenital Deformity	2
Premature Birth	4
Congenital Mal-Development	2
Respiratory	2
Acute Gastro-Enteritis	1
Asphyxia	1
Intra-Cranial Haemorrhage	2

EAST KENT (No. 2) UNITED DISTRICT.

Causes of Death in Year 1945.

Causes of Death.	Dover R.D.		Eastry R.D.		United District.	
	M.	F.	M.	F.	M.	F.
All Causes	61	44	100	102	161	146
Pulmonary Tuberculosis ...	3	3	3	6	6	9
Other forms of Tuberculosis	—	—	—	1	—	1
Syphilitic Diseases	1	—	1	1	2	1
Cancer of buc-cav. & Uterus	—	1	—	1	—	2
Cancer of Stomach and Duodenum	2	2	2	3	4	5
Cancer of Breast	—	1	—	1	—	2
Cancer of all other sites ...	6	4	16	14	22	18
Diabetes	—	1	1	2	1	3
Intra-Cranial Haemorrhage ...	8	8	13	14	21	22
Heart Disease	18	11	26	29	44	40
Other dis. of circ. system ...	—	—	—	1	—	1
Bronchitis	4	3	6	3	10	6
Pneumonia	8	—	3	—	11	—
Other Respiratory Diseases ...	—	—	3	1	3	1
Ulcer of Stomach or Duodenum	2	—	2	2	4	2
Diarrhoea, under 2 years ...	—	—	—	1	—	1
Appendicitis	1	1	—	1	1	2
Other Digestive Diseases ...	—	2	—	2	—	4
Nephritis	2	4	1	1	3	5
Premature Birth	—	—	2	2	2	2
Congenital Causes	1	—	—	5	1	5
Suicide	—	—	2	1	2	1
Road Traffic Accidents ...	—	—	1	—	1	—
Other Violent Causes ...	1	1	7	1	8	2
All other Causes	4	2	11	9	15	11

Of the total deaths, Heart Disease accounted for 27.3 per cent., Cancer 17.2 per cent., and Respiratory Tuberculosis, 4.88 per cent.

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Hospitals.

(1) Isolation Hospitals.—The Eastry Isolation Hospital was re-opened in June, 1940, for the reception of infectious cases from the Boroughs of Sandwich, Deal and Dover, and the United District.

(2) General.—There are no General Hospitals in the District. During the war the Royal Victoria Hospital, Dover, was evacuated to Waldershare Park, which is situated on the border between Dover Rural District and Eastry Rural District, but returned to Dover on the cessation of hostilities. Cases from the different areas requiring treatment are admitted to the Kent and Canterbury Hospital, the Victoria Hospital, Deal, Margate and Ramsgate General Hospitals, and the Dover Hospital.

Ambulance Facilities.

(a) Infectious Cases.—The Isolation Hospital at Eastry has its own ambulance. Deal and Dover also possess an ambulance for transporting this class of case.

(b) Non-Infectious Cases.—There is no ambulance in the District for conveyance of non-infectious cases, but ambulances for this purpose can be obtained on hire from the neighbouring towns.

The three collieries in the District have their own ambulances.

Laboratory Facilities.

Clinical material for examination is submitted to the County Laboratory, Maidstone, as are samples of milk, water, sewage, etc.

Nursing in the Home.

No special arrangements have been made by the Authorities for this in the District. Health Visitors employed by the County visit in the District, as also do the Queen's Nurses.

Clinics and Treatment Centres.

The County Authorities arrange for maternity and child welfare work, the treatment of school children, and for the treatment of cases of Tuberculosis and Venereal Disease.

SECTION F.

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Notifiable Diseases (other than Tuberculosis) during the Year, 1945. (Civilian Cases Only.)

Disease.	Total Cases Notified.	Cases Admitted to Hospital.	Total Deaths.
Scarlet Fever	27	20	—
Diphtheria	9	8	—
*Pneumonia	11	2	11
Dysentery	5	4	—
Ophthalmia Neonatorum	1	—	—
Erysipelas	5	1	—
Puerperal Pyrexia	1	1	—
Measles	141	2	—
Whooping Cough ...	9	—	—

*Dover Rural District:—Notifications 2, Notified deaths 8. The notification of this disease is by no means satisfactory.

TUBERCULOSIS.

New Cases and Mortality During the Year, 1945.

AGE PERIODS	NEW CASES				DEATHS			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	—	1	—	—	—	—
5	—	1	1	—	—	—	—	—
15	1	1	3		2		1	—
25	9	2	—	—	2	3	—	—
35	3	3	—	—	1	3	—	—
45	3	1	—	—	1	2	—	—
55	2	1	—	—	—	—	—	—
65 and over		1	—	—	—	1	—	—
TOTAL	18	10	4	1	6	9	1	—

Cases of Tuberculosis Remaining on Register December 31st, 1938, and December 31st, 1945.

	MALE.				FEMALE.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	1938	1945	1938	1945	1938	1945	1938	1945
Dover R. D.	23	42	5	10	13	37	9	10
Eastry R. D.	43	103	19	31	43	63	33	43
United District ...	66	145	24	41	56	100	42	53

No action has been taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, nor under Section 172 of the Public Health Act, 1936, in the United District.

It will be observed from the above table that there has been a decided increase in the number of cases of Tuberculosis in the United District during the past seven years.

EASTRY RURAL DISTRICT.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area:

The District is bounded as follows: On the north by the sea between Herne Bay and Margate, and by part of the boundary of Margate; on the East by the boundary of Ramsgate, the sea, the boundary of Deal, and part of the Dover R.D.; on the South by the boundary of the Dover R.D.; and on the West by the boundary of the Bridge-Blean R.D. The surface of the District is irregularly undulating, and is traversed by the River Stour. It is highest at its North and South parts, and lowest in the Marsh area in the vicinity of the River Stour. The main part of the Kent Coal Field underlies the district, and coal is being worked at Betteshanger, Snowdown and Tilmanstone Collieries.

Area (including Inland Water), Acres 54,276.

Population, estimated 1945, 18,440.

Number of inhabited houses, 5,858.

Rateable Value, £92,516 0s. 0d.

Sum represented by 1d. Rate, £362 19s. 3d.

Density of Population, Persons per Acre, 0.34.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

(1) Births:

	Total.	M.	F.
(a) Live Births	357	187	170
Legitimate	323	167	156
Illegitimate	34	20	14
Birth Rate (per 1,000)	19.3		
England and Wales	16.1		
(b) Still Births	10	5	5
Rate per 1,000 total births	27.2		

(2) Deaths:

	Total.	M.	F.
Net total deaths in 1945	202	100	102

Death Rate 10.95 per 1,000 population.
(England and Wales, 11.4 per 1,000.)

Deaths from Puerperal Causes, Nil.

(3) Infantile Mortality:

Deaths under 1 year of age:—

(a) All infants per 1,000 live births 39.21
(England and Wales 46 per 1,000 births.)

(b) Legitimate Infants per 1,000 legitimate live births ... 40.2

(c) Illegitimate Infants per 1,000 illegitimate live births ... 29.4

(d) Causes of death:—

Congenital Deformity	2
Premature Birth	4
Congenital Mal-Development	2
Respiratory	2
Acute Gastro-Enteritis	1
Asphyxia	1
Intra-Cranial Haemorrhage	2
Total	14

(4) Deaths from:

Cancer (all ages)	37
Measles (all ages)	Nil
Whooping Cough (all ages)	Nil
Diarrhoea (under 2 years of age)	1

EASTRY RURAL DISTRICT.

Causes of Death in the Year 1945.

Causes of Death.	Males	Females.
All Causes	100	102
Respiratory Tuberculosis	3	6
Other forms of Tuberculosis ...	—	1
Syphilitic Disease	1	1
Cancer of Uterus	—	1
Cancer of Stomach and Duodenum	2	3
Cancer of Breast	—	1
Cancer of all other sites	16	14
Intra-Cranial Haemorrhage ...	13	14
Diabetes	1	2
Heart Disease	26	29
Other Circulatory Diseases ...	—	1
Bronchitis	6	3
Pneumonia	3	—
Other Respiratory Diseases ...	3	1
Ulcer of Stomach or Duodenum ...	2	2
Diarrhoea (under 2 years)	—	1
Appendicitis	—	1
Other Digestive Diseases	—	2
Nephritis	1	1
Congenital Causes	—	5
Premature Birth	2	2
Suicide	2	1
Road Traffic Accidents	1	—
Other Violent Causes	7	1
All other Causes	11	9

Of the total deaths Cancer accounted for 18 per cent., Heart Disease 27 per cent., and Cerebral Haemorrhage 13 per cent.

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

Eastry Isolation Hospital.

On instructions from the Ministry of Health this Hospital was re-opened in June, 1940, for the reception of cases of infectious disease from the United District and those neighbouring coastal towns vulnerable to enemy attack, viz., Boroughs of Sandwich, Deal and Dover.

The following table shows the number of cases admitted to the hospital and the type of infection treated during the year 1945:—

Category	In Hospital 31-12-44	Admitted in 1945	Total	Deaths in 1945	Discharged in 1945	Remaining in Hospital 31-12-45
Diphtheria	4	25	29	1	27	1
Scarlet Fever ...	2	35	37	—	35	2
Erysipelas	—	1	1	—	1	—
Vincents Angina ...	—	1	1	—	1	—
Total.	6	62	68	1	64	3

Allocation of cases treated in the Isolation Hospital during 1945:—

Eastry Rural	26
Borough of Deal	26
Borough of Sandwich	2
Borough of Ramsgate	4
Herne Bay Urban District	1
Borough of Dover	1
Borough of Margate	2
Total	62

The death from Diphtheria was that of a boy aged 16, who had not been immunised.

EASTRY RURAL DISTRICT COUNCIL.

REPORT OF THE SENIOR SANITARY INSPECTOR.

YEAR, 1945.

Council Offices,
Dover Road,
Sandwich.

The beginning of this year found the department still working under the inconvenience of a "temporary evacuation address," but, fortunately, we were able to return to the Sandwich Offices in July, since when it has taken some little time to again set our house in order.

Particulars regarding the routine work of the department are included elsewhere in this Annual Report, but there are one or two points to which I should like to refer.

Housing.

The Housing Survey has proceeded steadily. It reveals the gradual deterioration of cottage property which has taken place during the war years, but with the present shortage in building labour and materials it was not possible to press for the remedy of any but the most serious defects.

Food.

At one period quite a large number of tins of corned meat had to be condemned for human consumption. This was general in the shops throughout the area, but proved to be only a temporary phase due, I think, to "reserve" food supplies having been kept in reserve for longer than was good for the commodity.

Milk samples have been taken regularly, and the results have, on the whole, been satisfactory.

Scavenging.

Considering the added work in connection with 'salvage," and the necessity for employing older men, we are satisfied with the way in which the refuse collection service has been maintained. The vehicles have been singularly free from breakdowns, and the collections regular.

Another milestone in this section of the department's work was reached with the delivery at the end of the year of the Council's first cesspool emptier. The Council has "undertaken" the emptying of cesspools in the Parishes of Eastry and Wingham, and with the passing of the 31st December pail-closet emptying by contract ceased in the Parishes of Ash and Wingham.

In conclusion I should like to express my thanks to the staff, indoor and outdoor, of the department, for its co-operation during the year.

R. J. MEACHER, M.R.San.I., M.S.I.A.,
Senior Sanitary Inspector.

December, 1946.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

The various Parishes in the Rural District are well supplied with water from the public mains.

No. of premises connected to main supplies, 5,558 (95%).

No. of premises not connected to main supplies, 300.

During the year nine samples of water were sent to the County Laboratory for bacteriological examination, and the reports showed them to be good waters.

Drainage and Sewerage.

There are four main sewerage schemes in operation in the district: (1) Aylesham, (2) Ash, (3) Elvington, (4) Minster.

Smaller systems are in operation for (a) Snowdown, (b) Betteshanger Colliery Village, (c) Sandwich Bay. Premises in Goodnestone are connected to the trunk sewer between Aylesham and Wingham.

Plans were prepared during the year for the sewerage of Eastry, Wingham, and the New Street area of Ash. The sewerage disposal plants at Wingham, Minster and Elvington are working satisfactorily.

Approximately, 1,870 premises are connected to the drainage systems, and 1,665 to cesspools. In addition there are 2,283 pail closets, and 40 earth closets.

Public Cleansing.

The Council undertakes the collection and removal of domestic refuse. The method of disposal is by controlled tipping at Poison Cross, near Eastry. The emptying of cesspools, and contents of pails, was carried out under contract, but during the year the Council purchased a mechanical vehicle for the carrying out of this important section of the work from the 1st January, 1946. The work is carried out under the supervision of the Senior Sanitary Inspector.

Salvage.

This is under the supervision of the Senior Sanitary Inspector who reports on the year's work as follows:—

Amount of salvage material sold during 1945:

	Tons.	Cwts.	Qrs.	lbs.	£	s.	d.
Bones	3	18	1	20	20	6	9
Waste Paper	43	1	3	—	206	12	7
Metal, Rags, etc. ...	9	5	2	14	77	15	6
Total	56	5	3	6	304	14	10

Sanitary Inspection of the Area.

(1) No. of inspections made during the year, 3,130.

(2) No. of Notices served: Statutory nil, Informal 51.

(3) Nuisances found or reported during the year.

Keeping of Animals	3
Sanitary Accommodation	2
Drainage	21
Cesspools	19
Refuse	1
Tents, Vans and Sheds	1
Miscellaneous	15

Eradications of Bed Bugs.

Nine houses were disinfected.

Hop-Pickers' Camps.

There are seven hop-pickers' camps in the area. Sixteen routine inspections were carried out, and minor defects found were remedied. No outbreak of infectious diseases occurred in the camps during the season.

Factories Act, 1937.

The number of factories on the register on the 31st December, 1945, was:—

With Mechanical Power	26
Without Mechanical Power	22
Total	48

No. of inspections made during the year, 60.

Shops Act, 1934.

Forty-two inspections were made under this Act during the year, and advice given in regard to lighting, ventilation, and temperature where necessary. Sanitary accommodation has been insisted upon. No formal action has been necessary.

Offensive Trades.

There is one horse-slaughtering business in the area. No complaints were received in regard to it, and minor defects were remedied.

Rats and Mice (Destruction) Act, 1919.

During the year the Rodent Officer paid 675 visits to the various parishes, and dealth with 5 major infestations, 43 medium, and 11 minor, The K.W.A.E.C. Rodent Officer dealt with infestations on the farms.

SECTION D. HOUSING.

There was no change in the housing situation during the year. Owing to war conditions, the extent to which new houses were required was difficult to assess. During the year the Council adopted an initial programme of 50 houses as a first stage in their post-war plans. Houses were inspected upon complaint, and notices served in the case of urgent repairs being required.

Rural Housing Survey.

During the year 869 houses were inspected and recorded.

Number of inspections made for this purpose—955.

Total number of houses owned by the Local Authority—214.

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

Milk.

During the year the Senior Sanitary Inspector and his Staff made 179 visits to the 83 Dairies and Cow-sheds in the district; 7 defects were found and in due course remedied.

(a) Number of producers, 35.
Number of producer retailers, 33.
Number of retailers, 6.
Number of farms licensed to produce:
(1) Tuberculin Tested Milk, 17.
(2) Accredited Milk, 19.

(b) One hundred and nineteen samples of milk were submitted to the County Council's Laboratory for bacteriological examination. Details of the samples submitted and results were as follows:—

Tuberculin Tested Milk, 57 (12 unsatisfactory).

Accredited Milk, 82 (23 unsatisfactory).

Number of samples collected for Biological Examination, 7.

(c) Pasteurisation:—One plant of the "Holder" process type is licensed for the production of Pasteurised milk.

Two samples of Pasteurised milk were submitted to the County Laboratory for the Methylene Blue test, and both were satisfactory.

Milk in Schools.

Inspections of herds and farm premises were made as required to ensure the suitability of the milk for this purpose.

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.—(Contd.)

Meat and Other Foods.

(a) The 18 slaughter-houses in the Rural District were closed down at the outbreak of the war, and all routine slaughtering is carried out in the City of Canterbury, under the Ministry of Food Centralised Slaughtering Scheme.

Sixteen pigs were slaughtered in the district during the year, the carcases being inspected by the Sanitary Inspector.

Five whole and portions of two carcases were condemned on account of disease other than tuberculosis.

One whole and one portion of a carcase was condemned on account of tuberculosis.

Total weight condemned was 1 cwt. 47lbs.

(b) 194 visits were paid to food preparing places in the Rural District and 12 defects found and remedied.

(c) Foodstuffs condemned during 1945:—

Meat, 189 tins; fresh meat, 102lbs.; sausages, 980lbs.; fish, 131 tins; meat and veg., 2 tins; egg s, 8¾ doz.; milk, 59 tins; soup, 32 tins; vegs., 24 tins; beans, 3 tins; fruit, 1 tin; oranges, 175lbs. and half case; jam, 1lb.; bun flour, 5 pkts.

(d) Ice Cream: The Food and Drugs Act, 1938, which came into operation on the 1st October, 1939, makes it compulsory for all premises used for the sale, or manufacture for sale of ice cream, to be registered with the Local Authority. Number of premises registered, 7.

SECTION F.

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Supply of Serum.

Diphtheria Anti-Toxin is provided by the Council free of charge, and supplied to Medical Practitioners for the use of the inhabitants of the district. A supply is kept at the Health Office.

Diphtheria Immunisation.

A scheme for the immunisation of children against diphtheria was adopted and put into force at the end of the year 1940. At the end of the year 1945 the results of five years immunising were as follows:—

Number of Children Immunised.

Under 5 years.	From 5 to 15 years.	Total.
873	2077	2950
52.27%	70.16%	63.71%

Notifiable Diseases During the Year, 1945.

Disease	AGE PERIODS.											Total	Admitted to Hospital	Deaths
	0	1	2	3	4	5	10	15	25	45	65			
Scarlet Fever	—	—	—	2	3	13	6	—	2	—	—	26	19	—
Diphtheria	—	—	—	—	—	—	4	1	3	—	—	8	8	—
Pneumonia	—	—	—	—	—	2	2	—	—	5	—	9	—	3
Dysentery	—	—	1	1	—	2	1	—	—	—	—	5	4	—
Erysipelas	—	—	—	—	—	—	—	—	1	2	—	3	—	—
Measles	—	9	7	14	8	40	9	3	4	1	—	95	—	—
Whooping Cough	3	10	4	5	11	20	4	—	—	—	—	57	—	—

There was no outbreak of infectious disease calling for special mention.

TUBERCULOSIS.

New Cases and Mortality During the Year 1945.

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	—	1	—	—	—	—
5	—	—	1	—	—	—	—	—
10	—	—	2	—	—	—	—	—
15	—	—	2	—	—	—	—	1
20	1	1	—	—	1	1	—	—
25	4	—	—	—	1	—	—	—
35	1	2	—	—	—	3	—	—
45	3	1	—	—	1	2	—	—
55	2	1	—	—	—	—	—	—
Total	11	5	5	1	3	7	—	1

Included in the above totals are three cases of Pulmonary Tuberculosis which came to the knowledge of the Medical Officer of Health through the Death Returns.

Cases of Tuberculosis Remaining on Register, Eastry R.D., December 31st, 1938 and 1945.

MALE				FEMALE			
Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
1938	1945	1938	1945	1938	1945	1938	1945
43	103	19	31	43	63	33	43

Verminous Persons.

There are no facilities in this district for the cleansing and disinfestation of verminous persons.

Disinfection.

The isolation hospital has a disinfecting plant, and all infected clothing and bedding is sent there for disinfection. During the year 59 batches of clothing were dealt with in this manner.

Number of premises disinfected—47.

Scabies.

Under arrangement with the Deal Town Council all cases of scabies in the district are sent for treatment to the Council's Cleansing Station. One case was sent for treatment during the year.

DOVER RURAL DISTRICT.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

The district is bounded roughly as follows:—On the North by the Rural District of Bridge-Blean and Eastry and the Borough of Deal. On the East by the sea. On the South by the Borough of Dover, the sea and the Borough of Folkestone, and the West by the Rural Districts of Elham and Bridge-Blean.

Area (including inland water), 26,098 acres.
Population, estimated 1945, 7,145.
Number of Inhabited Houses (1945), 2,794.
Rateable Value, £80,543.
Sum represented by a 1d. rate, £266 5s. 4d.
Density of Population, persons per acre 0.28.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

(1) Births.

	Total.	M.	F.
(a) Live Births	111	63	48
Legitimate	100	56	44
Illegitimate	11	7	4

Birth Rate (per 1,000 population) = 15.5.
England and Wales = 16.1.

(b) Still Births	5	2	3

Rate per 1,000 total births, 43.1.

(2) Deaths.

Total.	M.	F.
105	61	44

Death Rate (per 1,000), 14.69.
England and Wales (per 1,000), 11.4.
Deaths from Puerperal Causes, nil.

(3) Infant Mortality.

Deaths under 1 year:—

	Total	M.	F.
Legitimate	3	3	0
Illegitimate	—	—	—

Infantile Mortality Rate (per 1,000 live births) = 27.02.
(England and Wales, 46 per 1,000 births.)

Causes of Death:—Burns 1, Broncho Pneumonia 1, Congenital Mal-Development 1.

(4) Deaths from:

Cancer (all ages)	16
Measles (all ages)	Nil
Whooping Cough (all ages)	Nil
Diarrhoea (under 2 years of age)	Nil

DOVER RURAL DISTRICT.

Causes of Death in Year 1945.

Causes of Death.	Males.	Females.
All Causes	61	44
Respiratory Tuberculosis	3	3
Syphilis	1	—
Cancer of Uterus	—	1
Cancer of Stomach and Duodenum	2	2
Cancer of Breast	—	1
Cancer of all other sites	6	4
Heart Disease	18	11
Intra-Cranial Vascular Lesions	8	8
Diabetes	—	1
Bronchitis	4	3
Pneumonia (all forms)	8	—
Ulcer of Stomach or Duodenum	2	—
Appendicitis	1	1
Other Digestive Diseases	—	2
Nephritis	2	4
Congenital Mal-Development ...	1	—
Other Violent Causes	1	1
All other Causes	4	2

REPORT OF THE SENIOR SANITARY INSPECTOR.

Council Offices,

Temple Ewell,

Dover.

In reviewing the work of 1945, I would like to confine myself to a few items not apparent in the detailed reports.

Although 1945 saw the end of hostilities against Germany and Japan, enemy action ceased in this area in September of the previous year, and consequently it was possible to carry out war damage repairs of a more permanent nature during the year. This resulted in repairs to occupied damaged houses being done to a greater standard of comfort, and no serious shortage of accommodation was experienced.

With regard to sanitary and other notices difficulties due to shortage of labour and materials necessitated that repairs were only required of owners where absolutely necessary for the well-being of the tenants, and it was not possible to attain standards in all cases which would have been asked for in normal times.

During the year preparation of a scheme for 266 new houses was begun. It also saw the revival of deferred schemes for the sewering of the six larger parishes, and also for the removal of house refuse and cesspool emptying by direct labour instead of by contract.

Taken on the whole this was a year of transition, and the results achieved may be regarded with some satisfaction.

I would like to take this opportunity of thanking my Clerk and War Damage Inspector for their unfailing help and co-operation, at a time when shortage of staff made it difficult to cope with the greatly increased work.

W. O. ARMSTRONG, A.R.San.I., M.S.I.A.,

Sanitary Inspector.

December, 1946.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

Some 83% of the houses in the Rural District are well supplied with water from the public mains. Two small areas at Alkham and Capel are under consideration for a mains supply. There is no Plumbo solvency

Samples taken from the public water supply and submitted to the County Laboratory for examination showed the supply to be good water and quite satisfactory.

Drainage and Sewerage.

There are no sewerage schemes in operation in the area. Sewage is disposed of by means of cesspools, privies, and pail closets.

Number of cesspools in district, 1,564.

Number of earth closets in district, 104.

Number of pail closets in district, 1,126.

A scheme is in preparation by the Rural Council for the carrying out of cesspool emptying, which at present is done through private contract. It is hoped to put this scheme into operation in April next year.

Public Cleansing.

The collection and removal of domestic refuse, the emptying of cesspools, and collection of pails in the Parishes is effected by contractors appointed for the purpose.

Salvage.

This is under the supervision of the Senior Sanitary Inspector, who reports on the year's work as follows:—

Weights of material (paper, iron, metal, brass, bones, rags, etc.) collected: 1 ton, 17 cwt., 2 qrs., 26lbs.

Bottles and jars, 6½ gross.

The amount received for the material was £8 5s. 6½d.

Sanitary Inspection of the Area.

(1) Number of inspections made during the year, 1,592.

(2) Number of notices served: Statutory nil, informal 62.

(3) Nuisances and defects remedied during the year:—

Sanitary Accommodation:	
(a) Insufficient	15
(b) Defective	4
Drainage:	
(a) Reconstructed	15
(b) Cleansed	5
Cesspools: Repaired	15
Dampness	10
Roofs and Rain Water Pipes	12
Floors	6
Walls and Ceilings	3
Water Supplies	2
Keeping of Animals	3
Miscellaneous	26

Shops Act, 1934.

Thirty inspections of shops were made, and any necessary instructions given in regard to ventilation, temperature, lighting, and sanitary accommodation. No action was necessitated.

Eradication of Bed Bugs.

One complaint was received, and successful action taken to eradicate.

Destruction of Rats and Mice.

Gassing, trapping, and poisoning are carried out by the Sanitary Inspector where rats are known to exist. There were no major infestations. The visits made and complaints received were of minor infestations.

Seventeen premises were dealt with, and 135 rats destroyed.

SECTION D.

HOUSING.

During the year a large number of war damaged houses were repaired and made habitable. Houses were inspected upon complaint, and notices served in the case of urgent repairs being required. Two hundred and thirty-seven Building Licences were issued. Ninety-six houses were inspected and recorded.

Number of inspections made for that purpose—198.

Number of houses owned by the Local Authority, 8.

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

Milk.

During the year the Sanitary Inspector made 179 visits to cowsheds and dairies; seven defects were found and remedied.

(a) Number of Producers in the District, 85.
Number of Producer Retailers, 45.
Number of Retailers in the District, 6.
Number of farms licensed to produce:
(1) Accredited Milk, 21.
(2) Tuberculin Tested Milk, 3.

(b) Fifty-three samples of milk were submitted to the County Council's Laboratory for bacteriological examination. Details of the samples submitted and results were as follows:—

Accredited Milk, 44 (17 unsatisfactory).
Tuberculin Tested 9 (5 unsatisfactory).

Milk in Schools Scheme.

Inspection of herds and farm premises were made as required to ensure the suitability of the milk for this purpose.

INSPECTION AND SUPERVISION OF FOOD.

Meat and Other Foods.

The slaughter-houses in the District were closed down at the outbreak of war, and the meat supply is now procured from the Government Slaughter-house and Wholesale Meat Supply Depot.

The following inspections of food shops were made by the Sanitary Inspector:—

Bakehouses	20
Food-preparing places	15
Butchers	22

During the year 1945 a total of approximately 8 tons 2 cwts. of food was condemned as unfit for human consumption. A large proportion of which was discovered at the N.A.A.F.I. depot at Lydden. The following table gives the quantities condemned:—

	6lbs. Canadian ham loaf.
1qr.	18lbs. bacon.
1qr.	15¼lbs. corned beef.
	1½lbs. sausage meat.
1qr.	1¼lb. luncheon meat.
3qrs.	20lbs. sausages.
2 cwt. 3qrs.	24lbs. liver.
5 tons 17 cwt. 2qrs.	25lbs. rice.
1 cwt. 2 qrs.	—lbs. semolina.
	16lbs. macaroni.
17 cwt. 3qrs.	26lbs. potatoes.
1 qr.	15lbs. swedes.
	10lbs. tomatoes.
1 cwt. 3 qrs.	14lbs. peas.
7 cwt. 1qr.	25lbs. beans.
	15lbs. oranges.
	21lbs. cake.
	2lbs. fat.
	14lbs. cocoa.
1qr.	8lbs. oats.
	2lbs. dried egg.
	60 meat pies.
	1 bottle sauce.
	1 gallon sweet pickle.
	1 tin sardines.
	12 tins soup.
	3 tins peas.
	192 tins milk.
	43 Swiss rolls.
	22 tins beans.

Ice Cream.

The Food and Drugs Act, 1938, which came into operation on the 1st October, 1939, makes it compulsory for all premises used for the sale, or manufacture for sale of ice cream, to be registered with the Local Authority.

Number of premises registered—1.

SECTION F.

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Supply of Serum.

Diphtheria Anti-Toxin is provided by the Council free of charge, and supplied to Medical Practitioners for the use of the inhabitants of the District, in accordance with the Diphtheria Anti-Toxin (Outside London) Order, 1910.

SECTION F.

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Diphtheria Immunisation.

A scheme for the immunisation of children against Diphtheria was adopted towards the end of 1939, and came into force at the end of 1940.

At the end of 1945 the results were as follows:—

Number of Children Immunised.

Under 5 years.	From 5 to 15 years.	Total.
248	609	857
42.39%	65.72%	56.75%

Verminous Persons.

There are no facilities in the district for the cleansing and disinfecting of verminous persons and their belongings. Under arrangement with the Borough of Dover cases are sent to the Isolation Hospital.

Disinfection.

The Rural District Council does not possess a disinfecting plant, but all infected bedding and clothing is sent to the Dover Isolation Hospital for disinfection, and during the year 7 batches of clothing were dealt with in this manner. Number of premises disinfected 5.

Scabies.

Under arrangement with the Dover Town Council cases of scabies are sent to the Isolation Hospital for treatment. Three cases were dealt with during the year.

NOTIFIABLE DISEASES (CIVILIAN) DURING THE YEAR 1945.

Disease.	Total Cases Notified.	Cases Admitted to Hospital.	Total Deaths.
Scarlet Fever	1	1	—
Diphtheria	1	—	—
Pneumonia	2	2	—
Opthalmia Neo-natorum	1	1	—
Puerperal Pyrexia	1	1	—
Erysipelas	2	1	—
Measles	46	2	—
Whooping Cough	9	—	—
Total ...	63	7	—

The Diphtheria case was that of a man aged 25.

TUBERCULOSIS.

New Cases and Mortality during the year 1945.

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—
5	—	1	—	—	—	—	—	—
15	1	1	—	—	—	—	—	—
25	4	1	—	—	2	2	—	—
35	2	1	—	—	1	—	—	—
45	—	—	—	—	—	—	—	—
55	—	—	—	—	—	—	—	—
65 & over	—	1	—	—	—	1	—	—
Totals	7	5	—	—	3	3	—	—

Included in the above totals are three cases (3 Pulmonary) which came to the knowledge of the Medical Officer of Health through the Death Returns.

Cases of Tuberculosis Remaining on Register Dover R.D., December 31st, 1938 and 1945.

MALE				FEMALE			
Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
1938	1945	1938	1945	1938	1945	1938	1945
23	42	5	10	13	37	9	10

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